Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	70	((bragg with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:06
			IBM_TDB			
L2	105	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4))) and (pitch\$4 or (groove with (spac\$4 or period\$6)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:08
			; IBM_TDB			
L3	36	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4)) and substrate and code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:09
			; IBM_TDB			
L4	30	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) same (refract\$ near3 ind\$4)) and tag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:10
			; IBM_TDB			
L5	75	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4))). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:10
			; IBM_TDB		-	
L6	10	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and code).clm.	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:11
			; IBM_TDB			
L7	<b>0</b>	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and tag\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:11
			; IBM_TDB			
L8	37	((((bragg or diffract\$ or hologra\$ or phase) with grating with (superimpos\$ or superpos\$ or overla\$5)) and (refract\$ near3 ind\$4)) and substrate).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 17:11
			: IBM_TDB			
<b>S1</b>	2	WO-9636436-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:58
	-		; IBM_TDB			
52	120	(LED or (light near3 emi\$5 near3 diode)) same bragg same (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2004/09/29 09:59
			DERWENT			

53	175	(US-6785433-\$ or US-5089387-\$ or US-6751387-\$ or US-6694067-\$	US-PGPUB;	OR	OFF	2004/09/29
		or US-6542673-\$ or US-6506342-\$ or US-6096496-\$ or US-6483096-\$	USPAT;			12:14
		or U5-6436651-\$ or US-6434298-\$ or US-6399295-\$ or US-6395558-\$	EPO;			
		or US-6350413-\$ or US-6317528-\$ or US-6312961-\$ or US-6289144-\$	DERWENT			
		or US-6078705-\$ or US-6035082-\$ or US-6005691-\$ or US-5994150-\$		İ		
		or US-5961924-\$ or US-5832165-\$ or US-5822472-\$ or US-5814565-\$			j	•
		or US-5745615-\$ or US-5646400-\$).did. or (US-5455178-\$ or				
		US-5446534-\$ or US-5210404-\$ or US-5172250-\$ or US-5113286-\$ or	i			
	1	US-5082629-\$ or US-4892385-\$ or US-4815843-\$ or US-4767719-\$ or				
		US-4576439-\$ or US-6591054-\$ or US-5903340-\$ or US-5770455-\$ or	İ			
		US-5565324-\$ or US-6365907-\$ or US-5841555-\$ or US-5627663-\$ or				
		US-5066133-\$ or US-4568141-\$ or US-6586193-\$ or US-6579673-\$ or				
	1	US-6352828-\$ or US-6280935-\$ or US-6268222-\$ or US-6251691-\$ or				
	1	US-6235475-\$ or US-6214560-\$).did. or (US-6172218-\$ or				
	ŀ	US-6172214-\$ or US-6150516-\$ or US-5846719-\$ or US-5352582-\$ or				
	İ	US-5780231-\$ or US-6469785-\$ or US-6087655-\$ or US-5793485-\$ or				
		US-5784157-\$ or US-5608519-\$ or US-5071248-\$ or US-4876208-\$ or				
		US-6093536-\$ or US-5100238-\$ or US-4647544-\$ or US-6437345-\$ or				
		US-5922550-\$ or US-RE33581-\$ or US-5118608-\$ or US-5081012-\$ or		ĺ		
		US-5003600-\$ or US-4931384-\$ or US-4880752-\$ or US-4023010-\$ or				
		US-4011435-\$ or US-5742432-\$).did. or (US-5729365-\$ or				
		US-5506674-\$ or US-5442433-\$ or US-5394234-\$ or US-5374816-\$ or				
		U5-5300764-\$ or U5-5291027-\$ or U5-6314220-\$ or U5-6292282-\$ or				
	1	US-6221579-\$ or US-6087186-\$ or US-6060256-\$ or US-6036807-\$ or			1	
	İ	US-5925878-\$ or US-5671308-\$ or US-6346376-\$ or US-5989923-\$ or				1
		US-5478527-\$ or US-5156810-\$).did, or (US-20040179267-\$ or				
		US-20040179266-\$ or US-20040132172-\$ or US-20040130786-\$ or				
		US-20040130761-\$ or US-20040125424-\$ or US-20040075907-\$ or				
		US-20040022475-\$ or US-20030231818-\$ or US-20030215185-\$ or				
		US-20030138207-\$ or US-20030133640-\$ or US-20020141702-\$ or				
	1	US-20020076154-\$ or US-20020041724-\$ or US-20020041723-\$ or				
		US-20040130760-\$ or US-20040021945-\$ or US-20030219205-\$ or				
		US-20020196994-\$ or US-20020191913-\$ or US-20040181344-\$ or				
		US-20020127565-\$ or US-20040126875-\$ or US-20040038307-\$ or				
		US-20030207258-\$).did. or (US-20030207257-\$ or US-20030207255-\$				
		or US-20030207254-\$ or US-20030207253-\$ or US-20030113766-\$ or				
		US-20030104390-\$ or US-20030059855-\$ or US-20030032039-\$ or				
		US-20030027328-\$ or US-20030027327-\$ or US-20030017581-\$ or				
		US-20020028451-\$ or US-20010004526-\$ or US-20030049620-\$ or				
		US-20020155507-\$ or US-20040151626-\$ or US-20040132214-\$ or				
		US-20040132205-\$ or US-20030092075-\$ or US-20030026891-\$ or				
	· .	US-20030017580-\$ or US-20020192680-\$ or US-20020168295-\$ or				
		US-20020025534-\$ or US-20040145752-\$ or US-20030068657-\$ or				
		US-20030124599-\$).did. or (US-20040175843-\$ or US-20040175842-\$			İ	İ
		or U5-20030129654-\$ or U5-20030077660-\$ or U5-20030162296-\$ or			ļ	
		US-20030142713-\$ or US-20030142704-\$ or US-20040053295-\$ or	:			
	ļ	US-20040046128-\$ or US-20030207328-\$ or US-20030157731-\$ or				
		US-20030148542-\$ or US-20030132406-\$ or US-20030082587-\$ or				
		U5-20020104762-\$ or U5-20020090613-\$ or U5-20040063146-\$ or				
		US-20030207256-\$ or US-20020034457-\$ or US-20020022273-\$ or			l	
		US-20010031503-\$),did. or (WO-9636436-\$),did. or			•	
		(U5-20020127565-\$),did,				
						,
54	18	53 and (magnet\$ same (orient\$ or align\$))	US-PGPUB;	OR	ON	2004/09/29
			USPAT;			12:15
			EPO; JPO;			
			DERWENT			
			:			
			IBW_TDB			
55	60	S3 and (low\$5 with refract\$ with ind\$4)	HE DEDITE:	OD	ON	2004/00/20
J.J	50	So and flowar with retracta with inday)	US-PGPUB;	OR	ON	2004/09/29
			USPAT;			12:54
			EPO; JPO;			
			DERWENT			
			;			
			IBM_TDB	1		

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56	29	53 and (low\$5 with refract\$ with ind\$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 12:56
			: IBM_TDB			
57	232	(359/2). <i>CC</i> L5.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF .	2004/09/26 19:06
			: IBM_TDB			
58	903	(359/566).CCL5.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB			
59	676	(359/569).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB			
S10	325	(359/558).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB			
511	278	(359/571).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
	i		IBM_TDB			
512	330	(359/572).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			IBM_TDB	•		
S13	658	(356/72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:06
			: IBM_TDB			
514	1888	(356/73.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			IBM_TDB			

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S15	1385	(385/12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
516	820	(385/128).CCL5.	US-PGPUB; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			; IBM_TDB			
517	2621	(385/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
518	72	(250/559.04). <i>CC</i> LS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
		1	; IBM_TDB			
519	55	(250/559.11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			: IBM_TDB			
520	680	(250/559.4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:07
			IBW_TDB			
521	629	(250/227.14). <i>CC</i> LS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF .	2004/09/26 19:07
			; IBM_TDB			
522	152	(250/227.29).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
523		(250/566).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26
			IBM_TDB			

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524	329	(250/568).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
525	203	(235/473).CCL5.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
1			IBM_TDB			
526	5177	(435/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
527	922	(435/288.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/26 19:08
			IBM_TDB			
528	710	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/564).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) or ((435/473).CCLS.) or ((435/4).CCLS.) or ((435	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 16:35
529	575	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:35
530	2	("5,089,387").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/26 19:53
531	17759	((359/2),CCLS.) or ((359/566),CCLS.) or ((359/569),CCLS.) or ((359/558), CCLS.) or ((359/571),CCLS.) or ((359/572),CCLS.) or ((356/72),CCLS.) or ((356/73.1),CCLS.) or ((385/12),CCLS.) or ((385/128),CCLS.) or ((385/37),CCLS.) or ((250/559.04),CCLS.) or ((250/559.11),CCLS.) or ((250/559.4),CCLS.) or ((250/227.14),CCLS.) or ((250/227.29),CCLS.) or ((250/566),CCLS.) or ((250/568),CCLS.) or ((250/568),CCLS.) or ((435/4),CCLS.) or ((435/288.7),CCLS.)	IBM_TDB US-PGPUB: USPAT: EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 10:48

			,			
532		(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:37
533	29	("4539507"   "4833092"   "5034613"   "5136572"   "5141671"   "5214409"   "5252962"   "5257011"   "5266926"   "5351052"   "5405709"   "5409783"   "5434878"   "5438878"   "5448582"   "5503805"   "5558904"   "5565324"   "5604097"   "5641634"   "5751629"   "5770358"   "5770455"   "5840485"   "5874214"   "5903340"   "5981180"   "6043023"   "6096494").PN.	USPAT	OR	ON	2004/09/27
534	26495	(435/6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2004/09/27
535	168	(((359/2).CCLs.) or ((359/566).CCLs.) or ((359/569).CCLs.) or ((359/558).CCLs.) or ((359/571).CCLs.) or ((359/572).CCLs.) or ((359/72).CCLs.) or ((356/72).CCLs.) or ((356/73.1).CCLs.) or ((385/12).CCLs.) or ((385/128). CCLs.) or ((385/37).CCLs.) or ((250/559.04).CCLs.) or ((250/559.11). CCLs.) or ((250/559.4).CCLs.) or ((250/227.14).CCLs.) or ((250/227.29). CCLs.) or ((250/566).CCLs.) or ((250/568).CCLs.) or ((235/473).CCLs.) or ((435/4).CCLs.) o	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 11:58
536	76	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((550/568).CCLS.) -PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:03	
537	154	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12
538	0	WO-02061429-\$,did.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/27 12:12
539	0	WO-0261429-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/27 12:12

S40							<del></del>
1   WO-200261429-\$.did.   US-6FUB.   OR   ON   2004/09/27   USPAT.   EPO. JPO.   DERWENT   IEM. TD8   USPAT.   USPAT.   EPO. JPO.   DERWENT   IEM. TD8   USPAT.   U	540	. 0	WO-2002061429-\$.did.	USPAT; EPO; JPO;	OR	ON	
12:17				IBM_TDB			
19	541	1	WO-200261429-\$.did.	USPAT; EPO; JPO;	OR	ON	1
19   ("453950)"   "4833092"   "5034613"   "5134572"   "5141671"   18M_TDB   18M_TDB   19   ("453950)"   "4833092"   "5034613"   "51346572"   "5134572"   "5134670"   "19203926"   "9505704"   "1950570		•	·	; IBM_TDB			
19	542	2	("20020127565") PN	USPAT; USOCR; EPO; JPO;	OR	OFF	1
13:28   13:2				IBM_TDB			
(substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  14:28  15:20  16:20	543	19	"5214409"   "5252962"   "5257011"   "5266926"   "5351052"   "5405709"   "5409783"   "5438878"   "5448582"   "5558904"	USPAT	OR	ON	1
9 ((435/6).CCL.5) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  546 6 ((435/6).CCL.5.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$\$2\$))  547 77 ((435/6).CCL.5.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$\$2\$))  548 333 (particle or bead or microparticle or microbead or micro?particle or microbead or microparticle or microbead or (micro near3 particle) or (micro near3 bead)) and (tag\$\$4 or cod\$\$3 or encod\$\$3) and (bragg near3 (grating or mirror or reflect\$\$)) and (rag\$\$4 or cod\$\$3 or encod\$\$3) and (pragg near3 (grating or mirror or microbead or (micro near3 particle) or (micro near3 bead)) and (tag\$\$4 or cod\$\$3 or encod\$\$3 or encod\$\$3) and (grating with (refract\$ near3 ind\$\$4))  550 241 (particle o	544	85	(substrate or (optic\$4 near3 fiber)) and (chemical or species or assay))	USPAT; EPO; JPO;	OR	ON	1
or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or beaut\$3) with (chemical or element or species or assay or ion or molecule or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  547  77  ((435/6).CCL5.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or molecule or atom\$2))  548  348  348  349  ((a) ((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or unthent\$} and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  548  349  340  ((particle or bead or microparticle or microbead or micro?particle or micro*bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)))  ((particle or bead or microparticle or micro*particle or micro*bead or micro*particle or micro*bead or micro*particle or micro*bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)))  549  240  ((particle or bead or microparticle or micro*particle				IBM_TDB			
bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2)  546  6 ((435/6),CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and (((bin43 or atotack)4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  547  77 ((435/6),CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attack\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  548  333 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  549  234 ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  550  241 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  550  241 (particle or bead or microparticle or microbead or micro?particle or micro?parti	545	9	or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or	USPAT;	OR	ON	
546 6 ((435/6),CCLS) and (((brogg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identit\$\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  547 77 ((435/6),CCLS) and (((diffract\$ or brogg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identit\$\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  548 333 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  549 234 ((particle or bead or microparticle or microbead or micro?particle or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)  550 241 (particle or bead or microparticle or microbead or micro?particle or micro?particle or micro?particle or micro?particle or micro?particle or micro?particle or micro?particle or micro?particle or micro?particle or DERWENT    IBM_TDB	. :	•	bound\$3) with (chemical or element or species or assay or ion or molecule	DERWENT ;			
near3 (fiber or waveguide))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  547  77  ((435/6).CCL.S.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  548  333  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  549  234  ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)))) and (refract\$ near3 ind\$4)  550  241  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)))) and (refract\$ near3 ind\$4)  550  241  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)  550  241  (particle or bead or microparticle or microbead or micro?particle or				_		l	
77 ((435/6),CCL.5.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  548 333 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  549 ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)))  550 241 (particle or bead or microparticle or microbead or micro?particle or micro?	546	6	near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with	USPAT; EPO; JPO;	OR	ON	
same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))  548  333  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  549  234  ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$)))  550  241  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))))  550  241  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))  550  241  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or labe!\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))  550  260  CN  2004/09/27  14:02  14:02  15:  18M_TDB  OR  ON  2004/09/27  15:31				IBM_TDB			
((particle or bead or microparticle or micropead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  ((particle or bead or microparticle or micropead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)  ((particle or bead or microparticle or microbead or micro?particle or micro?part	547	. <b>77</b>	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or	USPAT; EPO; JPO; DERWENT ;	OR		
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))  234 ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)  241 (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))  250 (particle or bead or microparticle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))  260 (DN 2004/09/27 17:31)	548	333	(narticle or head or microparticle or microbead or micro?narticle or		OP	ON	2004/09/27
((particle or bead or microparticle or microbead or micro?particle or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)  (particle or bead or microparticle or microbead or micro?particle or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))  OR  US-PGPUB; USPAT; IBM_TDB US-PGPUB; US-P	340	333	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or	USPAT; EPO; JPO;			
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)  S50  241  (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))  BYPAT;  EPO; JPO;  US-PGPUB;  US-PGPUB;  USPAT;  EPO; JPO;  DERWENT;  EPO; JPO;  DERWENT;  EPO; JPO;  DERWENT;  EPO; JPO;  DERWENT;				IBM_TDB			
(particle or bead or microparticle or microparticle or micro?particle or micro?particle or micro?particle or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))    VS-PGPUB; USPAT; EPO; JPO; DERWENT;   CPO; JPO; D	549	234	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or	USPAT; EPO; JPO;	OR	ON	
micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))    DERWENT   17:31				IBM_TDB			
IBM_TDB	550	. 241	micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or	USPAT; EPO; JPO;	OR	ON	1
				IBM_TDB			

<b>551</b>	66	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:07
			; IBM_TDB			
552	150	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:49
			; IBM_TDB			
553	2	((fiber or bragg or phase ) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 17:52
			: IBM_TDB			
554	32	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:13
			IBM_TDB			
<b>S</b> 55	539	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:14
			; IBM_TDB			
556	61	((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2004/09/27 18:22
			DERWENT			
			IBM_TDB			New Services
557	343	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
		·	; IBM_TDB			
S58	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
	,	·	; IBM_TDB			
559	2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:23
			; IBM_TDB			
560	. 2	(((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2004/09/27 18:24
			DERWENT; IBM_TDB			
561	5	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or	US-PGPUB:	OR	ON	2004/09/27
		encod\$3 or cod\$3 or tag\$4 or label\$4)) and assay\$3	USPAT; EPO; JPO; DERWENT		0.1	18:25
			: IBM_TDB			
	l			- <u> </u>		

562	9	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/27 18:29
563	93	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or	; IBM_TDB US-PGPUB; USPAT;	OR	ON	2004/09/28 09:03
		(micro near3 particle) or (micro near3 bead))	EPO; JPO; DERWENT ; IBM_TDB			
564	37374	((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 12:27
565	4343	(((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28
566	344	((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:11
567	22407	((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:10
568	2786	(((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 11:11
569	249	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28
570	167547	(index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2004/09/28 11:22
571	6664	((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2004/09/28 11:22
572	140	(((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/28 11:40

("re37473").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	OR	OFF	2004/09/28
("re37891").PN.	US-PGPUB; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:41
	; IBM_TDB			
("re33581").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 11:42
	IBM_TDB			
("4131337") or ("4386274") or ("4445229") or ("4560881") or ("4562157") or ("4647544") or ("4678752") or ("4685480") or ("4740688") or ("4740688") or ("4748110") or ("4767719") or ("4816659") or ("4841140") or ("4877747") or ("4880752") or ("4882288") or ("4921805") or ("4931384") or ("4958376") or ("4992385") or ("5003600") or ("5033826") or ("5067155") or ("5089387") or ("5095194") or ("5100238") or ("5115121") or ("5118608") or ("5138468")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 11:59
	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; ; IBM_TDB	OR	OFF	2004/09/28 12:18
(("5451528") or ("5712912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ;	OR	OFF	2004/09/28 12:19
("5925562") or ("5925878") or ("5945679") or ("5986838") or ("5989923") or ("5998796") or ("6001510") or ("6017754") or ("6025129") or ("6025283") or ("6036807") or ("6043880") or ("6046925") or ("6049727") or ("6057107") or ("6060256") or ("6067167") or ("6067392") or ("6078048") or ("6087186") or ("6096496") or ("6097485") or ("6103535") or ("6118127") or ("6160240") or ("6160656") or ("6164548") or ("6165592") or ("6165648") or ("6194563") or ("6218194") or ("6221579") or ("6229635") or ("6259450") or ("6301047") or ("6304263") or ("6306587") or ("6306587") or	IBM_TDB  US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:22
	(""re33581").PN.  (""re33581").PN.  (""a)68476") or ("4011435") or ("4023010") or ("4053228") or ("4131337") or ("436274") or ("4445229") or ("4560881") or ("4562157") or ("4467544") or ("4678752") or ("46685480") or ("4748110") or ("4767719") or ("4816559") or ("4841140") or ("487774") or ("480752") or ("482288") or ("4921805") or ("4931384") or ("497774") or ("480752") or ("482288") or ("503600") or ("5033826") or ("5067155") or ("5081012") or ("5086087) or ("5184668") or ("5194846") or ("5194846") or ("5194846") or ("5194846") or ("5194846") or ("5194846") or ("530749") or ("63074	USPAT: USOCR; FPC: JPC: DERWENT; IBM_TDB US-RePUB; USPAT: USOCR; FPC: JPC: DERWENT; IBM_TDB US-RePUB; USPAT: USOCR; FPC: JPC: DERWENT; USOCR; FPC: JPC: DERWENT; USOCR; FPC: JPC: DERWENT; USOCR; FPC: JPC: DERWENT; USOCR; FPC: JPC: DERWENT; USOCR; FPC: JPC: DERWENT; IBM_TDB US-RePUB; USPAT: USOCR; FPC: JPC: JPC: USOCR; FPC: JPC: USOCR; FPC: JPC: USOCR; FPC: JPC: USOCR; FPC: JPC: USOCR; FPC: JPC: USOCR; FPC: JPC:	USACR: EPC. JPC. DERWENT   USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USPAT: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   US-P6PUB: USOCR: EPC. JPC. DERWENT   IBM_TDB   USOCR: EPC. JPC. DERWENT   IBM_T	USPAT: USOCR: P.O. JPO: DERWENT   USOCR: P.O.

580	72	(("6322932") or ("6329963") or ("6331273") or ("6352854") or ("6355198") or ("6371370") or ("6372428") or ("639295") or ("6406841") or ("6406848") or ("6416714") or ("6417010") or ("6428707") or ("6428957") or ("643849") or ("6436651") or ("6489606") or ("6496287") or ("6506342") or ("6515753") or ("652406") or ("6524793") or ("6533183") or ("6560017") or ("6565770") or ("6594421") or ("6609728") or ("6613581") or ("6618342") or ("6622916") or ("6628439") or ("6632655") or ("6635470") or ("6678429") or ("6689316") or ("6692912")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/28 12:48
581	12		US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:52
582	4	(("5671308") or ("6340588")).PN.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:52
583	4262	(436/518).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF .	2004/09/28 12:59
584	742	(436/524).CCLS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
585	524	(436/525).CCLS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
586	627	(436/526).CCLS.	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
587	786	(436/527).CCLS.	: IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:58
588	940	(436/528).CCLS.	; IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			; IBM_TDB			

					1	·
589	1346	(436/531).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/09/28 12:59
			IBM_TDB			
590	6123	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 12:59
			; IBM_TDB		-	
591	. 144	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:00
			; IBM_TDB			
592	226	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:49
			; IBM_TDB			
593	442	(modulat\$ with refract\$ with ind\$4 with grating) and (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/28 13:51
			; IBM_TDB			
594	34	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/09/29 09:49
6101	/15	///250/2) CCI C \ //250/5/ \ CCI C \ //250/5/ O) CCI C \	US-PGPUB:	00	0.1	2005 (01 (07
S101	615	(((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or (	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07
5102	313	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or (	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/07

(3997/89)CCLS.) or (3997/87)CCLS.) or (3997/87)CCLS.) or (3957/82)CCLS.) or (3997/87)CCLS.) or (3957/82)CCLS.) or (3987/87)CCLS.) or (3997/87)CCLS.) or (3997/88)CCLS.)							
((359/78)CCLS) or ((3597/71)CCLS) or ((3597/72)CCLS) or ((395/128) ((3567/72)CCLS) or ((385/71)CCLS) or ((395/73)CCLS) or ((395/73)CCLS) or ((395/73)CCLS) or ((250/759)C4)CCLS) or ((250/759)C4)CCLS) or ((250/759)C4)CCLS) or ((250/759)C4)CCLS) or ((250/759)CCLS) or ((250/759)C4)CCLS) or ((250/759)CCLS) or ((350/752)CCLS) or (350/752)CCLS) or (3	5103	179	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((43	USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:35
Since   Sinc	5104	. 80	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/559.4).CCLS.) or ((250/568).CCLS.) or ((250/68).CCLS.) or ((2	USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:35
S106   90   ((((435/6),CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and ((refract\$ near3 ind\$4)   (((435/6),CCLS.)) and ((((bragg)) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((((bragg)) near3 (reflect\$))) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and (((((((a)5/6),CCLS.)))) and ((((((a)5/6),CCLS.)))) and (((((((a)5/6),CCLS.))))) and (((((((((((((((((((((((((((((((((((	S105	164		USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:35
S107   9   ((435/6)/CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))   S108   6   ((435/6)/CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))   S109   82   ((435/6)/CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))   S100   82   (((435/6)/CCLS.) and (((436/524)/CCLS.) or ((436/525)/CCLS.) or ((436/526)/CCLS.)) or ((436/526)/CCLS.)) or ((436/526)/CCLS.)) or ((436/526)/CCLS.)) or ((436/526)/CCLS.) or ((436/526)/CCLS.)) or ((436/526)/CCLS.)) or ((436/526)/CCLS.)) or ((436/527)/CCLS.)) or ((436/528)/CCLS.)) o	5106	90	(substrate or (optic\$4 near3 fiber)) and (chemical or species or assay))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
Near3 (fiber or waveguide))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))   DERWENT	5107	9	or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule	USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
S109   82   ((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating)   same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))   IBM_TDB   CR   US-PGPUB; USPAT; IBM_TDB   CR   CR   CR   CR   CR   CR   CR   C	5108	6	near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with	USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
S110   144   ((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)   US-PGPUB; US	5109	82	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
S111 233 (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or US-PGPUB; OR US-PGPUB; ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or US-PGPUB; OR US	5110	144	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:36
; IBM_TDB	5111	233	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/01/07 16:37

			T	I	F = -	T
5112	2	wo-9715690-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/07 16:38
			IBM_TDB			
5113	258	((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (bragg near3 (grating or mirror or reflect\$))) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:14
			: IBM_TDB			
S114	261	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB			
5115	73	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating with (refract\$ near3 ind\$4) with (vary\$3 or varia\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB			
5116	164	(particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead)) and (tag\$4 or label\$4 or cod\$3 or encod\$3) and (grating near3 refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			IBM_TDB			
5117	2	((fiber or bragg or phase ) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			; IBM_TDB			
5118	37	grating with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			; IBM_TDB			
5119	61	((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4) with (substrate or film or layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
			; IBM_TDB			
5120	.2	((((bragg or phase or fiber) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4)) and combinat\$) and (refract\$ near3 ind\$4) and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:15
	•		; IBM_TDB			
5121	6	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or tag\$4 or label\$4)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:16
			; IBM_TDB			
5122	10	(((bragg or phase or fiber or hologra\$) near3 grating) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$)) and assay\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:16
			; IBM_TDB			
						<u> </u>

5123	99	((bragg or phase or fiber or hologra\$) near3 grating) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/09 14:16
5124	377	((((bragg or phase or fiber or hologra\$) near3 grating) or ((vary\$ or varia\$) with refract\$ with ind\$4)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 14:16
5125	275	((((bragg or phase or fiber or hologra\$ or volume) near3 grating) or (period\$ with refract\$ with ind\$4 with grating)) and ((particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film) with (embed\$ or encod\$3 or cod\$3 or tag\$4 or label\$4 or identif\$))) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:16
5126	156	(((index\$ or address\$) with (particle or bead or microparticle or microbead or micro?particle or micro?bead or (micro near3 particle) or (micro near3 bead) or fiber or substrate or layer or film)) same grating) and (refract\$ near3 ind\$4) and (assay or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/09 14:17
S127	35	(modulat\$ with refract\$ with ind\$4 with grating) and (assay\$3 or combinator\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/01/09 14:17

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5128	191	(US-20010004526-\$ or US-20010031503-\$ or US-20020022273-\$ or	US-PGPUB;	OR	ON	2005/01/09
		US-20020025534-\$ or US-20020028451-\$ or US-20020034457-\$ or US-20020041723-\$ or US-20020041724-\$ or US-20020076154-\$ or	USPAT; EPO:			17:41
		US-20020090613-\$ or US-20020104762-\$ or US-20020127565-\$ or	DERWENT		ŀ	
		US-20020141702-\$ or US-20020155507-\$ or US-20020168295-\$ or				
		US-20020191913-\$ or US-20020192680-\$ or US-20020196994-\$ or				
		US-20030017580-\$ or US-20030017581-\$ or US-20030026891-\$ or				
		US-20030027327-\$ or US-20030027328-\$ or US-20030032039-\$ or US-20030049620-\$ or US-20030059855-\$).did, or (US-20030068657-\$				1
		or US-20030077660-\$ or US-20030039633-\$).did. or (US-2003006637-\$			l	
	•	US-20030104390-\$ or US-20030113766-\$ or US-20030124599-\$ or				
		US-20030129654-\$ or US-20030132406-\$ or US-20030133640-\$ or			ŀ	İ
		US-20030138207-\$ or US-20030142704-\$ or US-20030142713-\$ or				ļ
		U5-20030148542-\$ or U5-20030157731-\$ or U5-20030162296-\$ or				
		US-20030207253-\$ or US-20030207254-\$ or US-20030207255-\$ or US-20030207256-\$ or US-20030207257-\$ or US-20030207258-\$ or				
		US-20030207256-\$ or US-20030207257-\$ or US-20030207256-\$ or				
		US-20030231818-\$ or US-20040021945-\$),did, or (US-20040022475-\$				
		or US-20040038307-\$ or US-20040046128-\$ or US-20040053295-\$ or				
		US-20040063146-\$ or US-20040075907-\$ or US-20040125424-\$ or				
		US-20040126875-\$ or US-20040130760-\$ or US-20040130761-\$ or			1	1
		US-20040130786-\$ or US-20040132172-\$ or US-20040132205-\$ or				
		US-20040132214-\$ or US-20040145752-\$ or US-20040151626-\$ or US-20040175842-\$ or US-20040175843-\$ or US-20040179266-\$ or				
		US-20040179267-\$ or US-20040181344-\$ or US-20040233485-\$ or				
		US-20040247486-\$ or US-20040197816-\$ or US-20040263923-\$ or				•
		US-20040254419-\$ or US-20040241765-\$).did. or (US-4011435-\$ or				
		US-4023010-\$ or US-4568141-\$ or US-4576439-\$ or US-4647544-\$ or				
- 1		US-4767719-\$ or US-4815843-\$ or US-4876208-\$ or US-4880752-\$ or				
		US-4892385-\$ or US-4931384-\$ or US-5003600-\$ or US-5066133-\$ or US-5071248-\$ or US-5081012-\$ or US-5082629-\$ or US-5089387-\$ or				
		US-5100238-\$ or US-5113286-\$ or US-5118608-\$ or US-5156810-\$ or				
İ		US-5172250-\$ or US-5210404-\$ or US-5291027-\$ or US-5300764-\$ or				
		US-5352582-\$).did. or (US-5374816-\$ or US-5394234-\$ or				i
		US-5442433-\$ or US-5446534-\$ or US-5455178-\$ or US-5478527-\$ or				
		US-5506674-\$ or US-5565324-\$ or US-5608519-\$ or US-5627663-\$ or				
		US-5646400-\$ or US-5671308-\$ or US-5729365-\$ or US-5742432-\$ or US-5745615-\$ or US-5770455-\$ or US-5780231-\$ or US-5784157-\$ or				
		US-5793485-\$ or US-5814565-\$ or US-5822472-\$ or US-5832165-\$ or				
		US-5841555-\$ or US-5846719-\$ or US-5903340-\$ or US-5922550-\$ or				
		US-5925878-\$).did. or (US-5961924-\$ or US-5989923-\$ or				
ļ		US-5994150-\$ or US-6005691-\$ or US-6035082-\$ or US-6036807-\$ or				
		US-6060256-\$ or US-6078705-\$ or US-6087186-\$ or US-6087655-\$ or US-6093536-\$ or US-6096496-\$ or US-6150516-\$ or US-6172214-\$ or				
		US-6172218-\$ or US-6214560-\$ or US-6221579-\$ or US-6235475-\$ or				
		US-6251691-\$ or US-6268222-\$ or US-6280935-\$ or US-6289144-\$ or				
		US-6292282-\$ or US-6312961-\$ or US-6314220-\$ or US-6317528-\$ or				
- 1		US-6346376-\$).did. or (US-6350413-\$ or US-6352828-\$ or				
		US-6365907-\$ or US-6395558-\$ or US-6399295-\$ or US-6434298-\$ or				
		US-6436651-\$ or US-6437345-\$ or US-6469785-\$ or US-6483096-\$ or US-6506342-\$ or US-6542673-\$ or US-6584103-\$ or			}	
		US-6506342-\$ or US-6542673-\$ or US-6579673-\$ or US-6586193-\$ or US-6591054-\$ or US-6694067-\$ or US-6751387-\$ or US-6785433-\$ or				
		US-RE33581-\$ or US-6795599-\$ or US-6067392-\$ or US-6025129-\$ or				
		US-5925562-\$ or US-6372428-\$ or US-6352854-\$ or US-6331273-\$ or				
		US-6340588-\$).did. or (WO-9636436-\$).did. or (US-20020127565-\$ or				
ļ		WO-200237944-\$ or US-20020022273-\$).did.				
5129	23	5128 and blaz\$	US-PGPUB;	OR	ON	2005/01/09
			USPAT;		]	17:41
			EPO; JPO;			
			DERWENT			
			;			
			IBW_TDB			
5130	19395	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).	US-PGPUB;	OR	ON	2005/08/26
		CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).	USPAT;			16:31
		((350/73.1).CCLS.) or ((363/12).CCLS.) or ((363/128).CCLS.) or ((365/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).	EPO; JPO; DERWENT			
		CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).	:			
- 1		CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or	IBM_TDB			
ı						

5131	852	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:31
5132	685	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((4	US-PGPUB; USPAT; EPO; JPO; DERWENT; ; IBM_TDB	OR	ON	2005/08/26 16:31
5133	353	(((359/2),CCLS.) or ((359/566),CCLS.) or ((359/569),CCLS.) or ((359/558),CCLS.) or ((359/571),CCLS.) or ((359/572),CCLS.) or ((356/72),CCLS.) or ((356/73.1),CCLS.) or ((385/12),CCLS.) or ((385/37),CCLS.) or ((250/559.04),CCLS.) or ((250/559.11),CCLS.) or ((250/559.4),CCLS.) or ((250/227.14),CCLS.) or ((250/227.29),CCLS.) or ((250/566),CCLS.) or ((250/568),CCLS.) or ((235/473),CCLS.) or ((435/4),CCLS.) or ((435/288.7),CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:31
5134	199	(((359/2),CCLS.) or ((359/566),CCLS.) or ((359/569),CCLS.) or ((359/558),CCLS.) or ((359/571),CCLS.) or ((359/572),CCLS.) or ((356/72),CCLS.) or ((356/73.1),CCLS.) or ((385/12),CCLS.) or ((385/37),CCLS.) or ((250/559.04),CCLS.) or ((250/559.11),CCLS.) or ((250/559.4),CCLS.) or ((250/227.14),CCLS.) or ((250/227.29),CCLS.) or ((250/566),CCLS.) or ((250/568),CCLS.) or ((235/473),CCLS.) or ((435/4),CCLS.) or ((435/288.7),CCLS.)) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:31
5135		(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((250/227.29).CCLS.) or ((250/568).CCLS.) or ((250/227.29). CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/568).CCLS.) or ((250/227.29). CCLS.) or ((250/568).C	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:32
5136	186	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/08/26 17:56
5137	104	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	IBM_TDB  US-PGPUB;  USPAT;  EPO; JPO;  DERWENT;  IBM_TDB	OR	ON	2005/08/26 16:32

12			<u> </u>		<del>,</del>	<del>,</del>	
1339   9	5138	12	or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule	USPAT; EPO; JPO; DERWENT ;	OR	ON	
15:32   15:3				IBM_TDB			
1940   96	5139	9	near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with	USPAT; EPO; JPO;	OR	ON	
1940   96				; IBM_TDB			
S141	5140	96	same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	i
((436/526),CCL.S.) or ((436/527),CCL.S.) or ((436/528),CCL.S.) or ((436/528),CCL.S.) or ((436/521),CCL.S.) or ((436/524),CCL.S.) or ((436/526),CCL.S.) or ((436/526),CCL.S.) or ((436/528),CCL.S.) o				IBW_TDB			_
153   ((((436/518)/CCL.5.) or ((436/524)/CCL.5.) or ((436/525)/CCL.5.) or ((436/525)/CCL.5.) or ((436/528)/CCL.5.)	6607	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	USPAT; EPO; JPO;	OR	ON		
((436/526),CCL.S.) or ((436/527),CCL.S.) or ((436/528),CCL.S.) or ((436/528),CCL.S.) or ((436/531),CCL.S.) and grating) and (refract\$ near3 ind\$4)			·	IBM_TDB			
S143   255   (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) 142	153	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	USPAT; EPO; JPO;	OR	ON		
S143   255   (((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.)			IBM TDB				
S144   O   wo-03061983-\$.did.	5143	255	((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S144   O   wo-03061983-\$.did.				IBM TDB			
S145   O   wo-0361983-\$.did.	5144	0	wo-03061983-\$.did.	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S145   O   wo-0361983-\$.did.				; IBM TDB			
S146   2 ("6455004").PN.   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   USPAT; EPO; JPO; DERWENT; IBM_TDB   USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; ISPO;	S145	0	wo-0361983-\$.did.	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
S146   2 ("6455004").PN.   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   USPAT; EPO; JPO; DERWENT; IBM_TDB   USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; ISPO;				; IBM TDB			
S147   ((diffract\$ or bragg or hologra\$) near3 (grating or element)) same (tag\$4   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; EPO; DERWENT; EPO; JPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO	5146	. 2	("6455004").PN.	US-PGPUB; USPAT; EPO; JPO;	OR	OFF	
S147   ((diffract\$ or bragg or hologra\$) near3 (grating or element)) same (tag\$4   US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB   US-PGPUB; USPAT; EPO; JPO; DERWENT; EPO; DERWENT; EPO; JPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; DERWENT; EPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO				; IBM TOR			
5148 299 S147 and (refract\$ near4 ind\$4)  US-PGPUB; USPAT; EPO; JPO; DERWENT; ;	5147	697	(	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
5148 299 S147 and (refract\$ near4 ind\$4)  US-PGPUB; USPAT; EPO; JPO; DERWENT; ;				; IBM_TDB			
IBM_TOB	5148	299	S147 and (refract\$ near4 ind\$4)	US-PGPUB; USPAT; EPO; JPO;	OR	ON	
				IBM_TDB			

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5149	640	(((diffract\$ or bragg or hologra\$) near3 (grating or element)) same (embed\$ or encapsulat\$ or bur\$3 or cover\$4)) and (tag\$4 or label\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:21
			IBM_TDB			
5150	366	5149 and (refract\$ near4 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 15:45
			:   IBM_TDB			
5151	286	S150 and inciden\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 15:47
	·		IBM_TDB			
5152	729	((diffract\$ or bragg or hologra\$) near3 (grating or element)) with (key or cod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:21
			IBM_TDB			
5153	1432	((diffract\$ or bragg or hologra\$) near3 (grating or element)) with (key or cod\$4 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 17:52
			IBM_TDB			
5154	382	S153 and (refract\$ near4 ind\$4) and inciden\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:22
		**	: IBM_TDB			
S155	239	S154 and (embed\$ or encapsulat\$ or bur\$3 or cover\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 16:39
			;			
5156	52	(((diffract\$ or bragg or hologra\$ or volume) near3 (grating or element)) with (embed\$ or encapsulat\$ or bur\$3 or cover\$4)) same (key or cod\$4 or encod\$4)	IBM_TDB US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 17:59
			:			
5157	23	S156 and (refract\$ near4 ind\$4)	IBM_TDB US-PGPUB;	OR	ON	2005/08/29
3157	23	3130 and (retracts near4 inas4)	USPAT; EPO; JPO; DERWENT	OR	ON	17:54
	İ		; IBM_TDB			
S158	314	((diffract\$ or bragg or hologra\$ or volume) and (grating or element) and (embed\$ or encapsulat\$ or bur\$3 or cover\$4) and (key or cod\$4 or encod\$4)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 18:05
			; IBM_TDB			
5159	60	S158 and (refract\$ and ind\$4).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/29 18:00
			: IBM_TDB			
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5160	104	((diffract\$ or bragg or hologra\$ or volume) and (grating or element) and (refract\$ and ind\$4) and (key or cod\$4 or encod\$4) and (substrate or base)).clm.	US-PGPUB; USPAT; EPO; JPO;	OR	ON	2005/08/29 18:41
			DERWENT ; IBM_TDB			
5161	3	((diffract\$ or bragg or hologra\$ or volume) and (grating or element) and (refract\$ and ind\$4) and (key or cod\$4 or encod\$4) and (freespace or free?space or (free near4 space))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/08/30 11:14
			;   IBM_TDB			
5163	18	(("6692031") or ("20020039732") or ("3891302") or ("3916182") or ("4725110") or ("4807950") or ("5367588") or ("5388173") or ("5745615")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/30 11:50
			IBW_LDB			
5164	19	(("4537504") or ("5559613") or ("5981166") or ("6156501") or ("6355432") or ("6403320") or ("6416952") or ("6440667") or ("6544739") or ("6576424") or ("6646243")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/12/08 19:13
•			IBM_TDB			
S165	19954	((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558). CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37). CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4). CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566). CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 11:29
		((435/288.7).CCLS.)	IBMCIDB			
5166	896	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29).CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 11:30
S167	<b>90</b>	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/128). CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/12/09 11:30
5168	13	((435/6).CCLS.) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/09 11:30
			IBM_TDB			
5169	9	((435/6).CCLS.) and (((bragg) near3 (reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/09 11:30
			IBM_TDB			

S170	107	((435/6).CCLS.) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:31
		connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	;			
5171	210	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or	IBM_TDB	OR	ON	2005/12/09 11:31
	•	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).	USPAT; EPO; JPO; DERWENT			
		CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((bragg) near3 (grating or reflect\$)) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TDB			
5172	200	((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;	OR	ON	2005/12/09 11:31
			IBW_TDB			•, •
5173	113	(((435/6).CCLS.) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:31
			; IBM_TDB			
5174	370	(((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or	US-PGPUB;	OR	ON	2005/12/09
32,4	3.0	((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/37).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11).	USPAT; EPO; JPO; DERWENT			11:32
		CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or ((435/4).CCLS.) or ((435/4).CCLS.) or ((435/288.7).CCLS.)) and (((diffract\$ or bragg or hologra\$) near3 grating) same (substrate or (optic\$ near3 (fiber or waveguide)))) and (id or identif\$ or code or information or authent\$) and ((bind\$3 or attach\$4 or connect\$3 or bound\$3) with (chemical or element or species or assay or ion or molecule or atom\$2))	IBM_TDB			
5175	6703	((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:32
			;			100
	745	((()2E0/2) 66( C) ((2E0/E/4) 66( C) ((2E0/E/6) 66( C)	IBM_TDB US-PGPUB;	OR	ON	2005/12/09
5176	715	((((359/2).CCLS.) or ((359/566).CCLS.) or ((359/569).CCLS.) or ((359/558).CCLS.) or ((359/571).CCLS.) or ((359/572).CCLS.) or ((356/72).CCLS.) or ((356/73.1).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((385/12).CCLS.) or ((250/559.04).CCLS.) or ((250/559.11). CCLS.) or ((250/559.4).CCLS.) or ((250/227.14).CCLS.) or ((250/227.29). CCLS.) or ((250/566).CCLS.) or ((250/568).CCLS.) or ((235/473).CCLS.) or	USPAT; EPO; JPO; DERWENT; IBM_TDB	UR	ON	11:32
		((435/4).CCLS.) or ((435/288.7).CCLS.)) and ((diffract\$ or bragg or hologra\$) near3 grating) and (substrate or (optic\$4 near3 fiber)) and (chemical or species or assay)) and (refract\$ near3 ind\$4)	1000			
5177	164	((((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/526).CCLS.) or ((436/528).CCLS.) or ((436/531).CCLS.)) and grating) and (refract\$ near3 ind\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:32
			IBM_TDB			
5178	273	(((436/518).CCLS.) or ((436/524).CCLS.) or ((436/525).CCLS.) or ((436/526).CCLS.) or ((436/527).CCLS.) or ((436/531).CCLS.)) and grating	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/12/09 11:32
			1:	I	1	I.